

Ney Roitman

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

372
citations

933447

10
h-index

839539

18
g-index

40
all docs

40
docs citations

40
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	On the response of flexible risers to loads imposed by hydraulic collars. Applied Ocean Research, 2009, 31, 157-170.	4.1	47
2	Structural modification assessment using supervised learning methods applied to vibration data. Engineering Structures, 2015, 99, 439-448.	5.3	41
3	An Experimental and Numerical Study on the Axial Compression Response of Flexible Pipes. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	35
4	Application of some damage identification methods in offshore platforms. Marine Structures, 1999, 12, 107-126.	3.8	29
5	Novelty detection for SHM using raw acceleration measurements. Structural Control and Health Monitoring, 2015, 22, 1193-1207.	4.0	27
6	Analysis of the structural behavior of a membrane using digital image processing. Mechanical Systems and Signal Processing, 2015, 54-55, 394-404.	8.0	23
7	On the optimal design and robustness of spatially distributed tuned mass dampers. Mechanical Systems and Signal Processing, 2021, 150, 107289.	8.0	21
8	Numerical and experimental studies of a building with roller seismic isolation bearings. Structural Engineering and Mechanics, 2015, 54, 475-489.	1.0	15
9	Identification of offshore platform structural damage using modal analysis techniques. Mechanical Systems and Signal Processing, 1992, 6, 287-295.	8.0	13
10	Vibration reduction using passive absorption system with Coulomb damping. Mechanical Systems and Signal Processing, 2005, 19, 537-549.	8.0	12
11	On the extensional-torsional response of a flexible pipe with damaged tensile armor wires. Ocean Engineering, 2018, 161, 350-383.	4.3	12
12	Development of a structural identification methodology with uncertainty quantification through the SSI and bootstrap techniques. Mechanical Systems and Signal Processing, 2022, 165, 108290.	8.0	11
13	Experimental Characterization of Viscoelastic Materials as Vibration Dampers. Journal of Engineering Mechanics - ASCE, 2001, 127, 959-962.	2.9	8
14	Numerical and Experimental Study of a Flexible Pipe Under Torsion. , 2010, , .		8
15	ESTIMATION OF MODAL PARAMETERS THROUGH A NON-LINEAR OPTIMISATION TECHNIQUE. Mechanical Systems and Signal Processing, 1999, 13, 593-607.	8.0	7
16	On the Coupled Extensionalâ€“Torsional Response of Flexible Pipes. , 2009, , .		7
17	Dynamic response analysis of a small-scale model tension leg platform. Marine Structures, 1992, 5, 491-513.	3.8	6
18	A Study on the Response of a Flexible Pipe to Combined Axisymmetric Loads. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
19	Improvements on the Numerical Analysis of the Coupled Extensional-Torsional Response of a Flexible Pipe. Journal of Offshore Mechanics and Arctic Engineering, 2016, 138, .	1.2	6
20	Large deflection behavior and stability of slender bars under self weight. Structural Engineering and Mechanics, 2006, 24, 709-725.	1.0	6
21	An Experimental and Numerical Study on the Axial Compression Response of Flexible Pipes. , 2010, , .		5
22	Experimental investigation of the large amplitude vibrations of a thin-walled column under self-weight. Structural Engineering and Mechanics, 2013, 46, 869-886.	1.0	5
23	Modeling Human-Induced Loads Through a Calibrated Bipedal Walking Model. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2022, 32, 92-102.	0.8	5
24	A Study on the Extensional-Torsional Response of a Damaged Flexible Pipe. , 2012, , .		3
25	An Experimental Investigation on the Bending Behaviour of Flexible Pipes. , 2003, , 637.		2
26	Damage Identification in Offshore Platforms Using Frequency Response Functions. , 2004, , 217.		2
27	Vibration Reduction in Steel Catenary Risers by the Use of Viscoelastic Materials. , 2011, , .		2
28	Impact of Damping Models in Damage Identification. Shock and Vibration, 2019, 2019, 1-12.	0.6	2
29	<title>Passive absorption system with Coulomb damping utilized to reduce structural vibrations</title>. , 1998, 3327, 13.		1
30	A Theoretical and Experimental Analysis of the Bending Behavior of Unbonded Flexible Pipes. , 2014, , .		1
31	Bending Analysis of a Flexible Pipe With Broken Tensile Armor Wires. , 2015, , .		1
32	Experimental and numerical evaluation of viscoelastic sandwich beams. REM: International Engineering Journal, 2017, 70, 281-287.	0.4	1
33	Investigation of Constrained Viscoelastic Layers Efficiency to Increase Damping of Steel Risers Systems. , 2006, , .		1
34	Fatigue Assessment of Dented Rigid Risers. , 2019, , .		1
35	Analysis of single pipeline pull-in procedure using small scale models. Marine Structures, 1996, 9, 991-1002.	3.8	0
36	On the Axisymmetric Response of a Damaged Flexible Pipe. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Numerical comparisons of sandwich viscoelastic beam models1. DYNA (Colombia), 2019, 86, 28-36.	0.4	0
38	Analysis of the Response of Flexible Risers to the Loads Imposed by Hydraulic Collars. , 2003, , .		0
39	Damping Estimation of Risers Using Time-Frequency Transforms. , 2004, , .		0
40	Assessment of Stress Concentration Factors of Dented Rigid Risers Under Fatigue Loadings. Journal of Offshore Mechanics and Arctic Engineering, 2022, 144, .	1.2	0